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## SCIENTIFIC NEWS.

The German Society of Naturalists and Physicians will hold its meeting next year at Dusseldorf. Professor Waldeyer, of Berlin, will occupy the presidential chair.

Many readers may be interested to learn that the *Journal of the Boston Society of Medical Sciences* has been enlarged and is now the medium for the publication of the abstracts of work carried on in Harvard Medical School, the Biological Laboratories of the Massachusetts Institute of Technology, and the Massachusetts General and the Boston City Hospitals. The journal is issued ten times a year, and the subscription price is \$2.00.

The British Museum has just acquired the collection of vertebrate fossils from the pliocene forest-beds of Norfolk, made by Mr. A. C. Savin. It contains about 1900 specimens, embracing many of the types of Newton, Adams, and Lankester.

Among the most interesting of recent items of news are the items concerning the expedition of the Sydney Geographical Society to the Ellice Islands to study the structure of a coral reef. The drill was sent down to 557 feet. Down to 487 feet the results were inconclusive, but beyond that point they strongly favor Darwin's theory; but the matter cannot be settled until a microscopic examination of the cores is made. The boring is being continued, and may be carried down to 1000 feet.

The Albany Museum at Grahamston, South Africa, is to have a new building two stories high, measuring 150 feet in length by 60 in breadth.

Professor Gundelfinger, of the Technical High School at Darmstadt, receives the gold medal for merit from the Academy of Sciences at Munich for his botanical researches.

At the session of the Académie des Sciences held at Paris, Dec. 13, 1897, the Cuvier Prize of 1500 francs was awarded to Prof. O. C. Marsh, of Yale University. This prize is "awarded every three years for the most remarkable work either on the Animal Kingdom or on Geology." The Cuvier Prize hitherto has been given to only

two persons in this country, Agassiz and Leidy. The former, however, was a native of Switzerland, where the special work was done for which his prize was awarded.

The collection of fossils made by Mr. W. E. Gurley, late state geologist of Illinois, is for sale. Besides duplicates and unclassified material, it contains over 14,000 specimens duly labeled.

René Sand has an interesting review of the marine zoological laboratories of the world in the October number of the *Revue de l'Université de Bruxelles*. He enumerates those of Ostend, Concarneau, Arcachon, Sebastopol, Naples, Roscoff, Wimereux, Penikese, Luc-sur-Mer, Trieste, Helder, Kristineberg, Villefranche, Solovetsky, Banyuls, St. Andrews, Granton, Tarbert, Puffin Island, Woods Holl, Misaki, Marseilles, Dunbar, le Portel, Plymouth, Copenhagen, Tamaris, Rovigno, Tatihou, Port Erin, Helgoland, Bergen, Jersey, False Bay, Tromsø, Drobak, Kiel, Flöderig, Millport, Liverpool, Bologna, Dieppe, les Sables d'Olonne, Santander, Cette, Messina, Alger, Newport, Palo Alto, and Cold Spring Harbor. The list includes those in operation as well as those abandoned, but fails to include the laboratories at Annisquam, Fort Wool, Beaufort, and the stations of the Johns Hopkins University in the West Indies.

During the past summer there have been a number of scientific expeditions sent out by various institutions. We have already alluded in these pages to the misfortunes of the zoological expedition sent by Columbia University to Puget Sound and Alaska, and the more disastrous Jamaica laboratory of the Johns Hopkins University. Columbia University also sent out an expedition for fossils to Colorado and Wyoming, under the direction of Prof. Henry F. Osborn, while a Princeton University party, under Prof. William Libby, visited New Mexico. New York University students, directed by Prof. Charles L. Bristol, made large collections in the Bermudas. The University of California sent an archæological expedition to the Santa Catalona Island, off the coast of southern California, while the ethnological party of the American Museum of New York, under the direction of Dr. Franz Boas, made large collections among the tribes of British Columbia. Cornell University had two parties in the field. One studied the geology of the Catskills, while another visited Colorado. A party of Stanford University students accompanied President Jordan to the Pribilof Islands and made large collections there, while others continued the work at Monterey. Prof. Frederick Starr, as a

representative of the University of Chicago, made ethnological studies and collections in Mexico, while the University of Pennsylvania had collectors at work in Peru. The Princeton expedition, under the charge of Mr. J. B. Thatcher, returned, after several years' stay in Patagonia, with abundant collections, and almost immediately Mr. Thatcher returned with another party to continue the explorations.

The British *Journal of Microscopy and Natural Science*, the organ of the Postal Microscopical Society, has been discontinued, after an existence of sixteen years, because of inadequate financial support.

Prof. Wesley Mills, of McGill University, has been granted leave of absence for a year, which he will spend abroad.

The Reale Accademia dei Lincei of Rome has elected Profs. B. Grassi and G. Fano to the section of zoology and morphology; Profs. H. Kronecker and O. Schmiedeberg, foreign associates in physiology; and Prof. A. Gaudry, foreign associate in geology and palæontology.

The thirteenth annual meeting of the Kansas Academy of Science was held October 27-29 at Baldwin, Kan., in the building of Baker University. Thirty-five communications were presented. Professor Williston, as president, gave an address on Science and Education.

The International Congress of Zoology meets in Cambridge, England, Aug. 23, 1898, under the presidency of Sir William Flower. All communications, requests for circulars, etc., should be addressed to the Local Secretaries, International Congress of Zoology, The Museums, Cambridge, England.

Dr. Rudolf Heidenhain, professor of physiology in the University of Breslau, died October 13, at the age of sixty-three. He was born in Marieneverder Jan. 29, 1834, studied at Berlin, Königsberg, and Halle, and was called in 1859 to the chair, which he held until his death. His work extended over all aspects of chemical and histological physiology, and was especially brilliant in its discourses relating to the action of glands, the effects of drugs, and upon lymph formation.

Dr. Andreas Petr. von Semenow has resigned his position as conservator of the zoological collections of the Academy of Sciences of St. Petersburg.

Adalbert Geheeb, the student of mosses, has removed to Freiburg, i. B. His address is 39, Göthestrasse.

Prof. A. de Lapparent, the mineralogist, has been elected a member of the Academy of Sciences of Paris.

Dr. O. F. von Möllendorf, the conchologist, has removed from Manila to Kowno, Russia.

Sir Frederick McCoy, professor of natural history in the University of Melbourne, has resigned.

Prof. Hans Molisch, of Prague, has gone to Buitenzorg, Java, for the winter.

Dr. Hugo de Vries has decided not to accept the call to the chair of botany at Würzburg left vacant by the death of Sachs.

Dr. O. Loew, of the botanical department of the University of Tokyo, has resigned on account of ill health.

We notice the following appointments and advancements of naturalists: Dr. Nikolaus von Adelung, of Geneva, conservator of the zoological collections of the Academy of Sciences of St. Petersburg. — Raphael Blanchard, professor of medical natural history in the medical faculty of Paris. — Dr. A. Borgert, privat docent in zoology in the University of Bonn. — Dr. William S. Carter, professor of physiology in the University of Texas. — Dr. Anton Collin, custodian of the zoological collections in the Natural History Museum in Berlin. — Dr. W. Detmer, full professor of botany in the University of Jena. — Karl Diener, extraordinary professor of geology in the University of Vienna. — Dr. Erwin von Esmarch, professor of hygiene and bacteriology in the University of Königsberg. — Dr. Max von Frey, of Leipzig, professor of physiology in the University of Zürich. — Dr. John Y. Graham, of Princeton, professor of biology in the University of Alabama. — Dr. H. F. Harris, professor of bacteriology in Jefferson Medical College. — Dr. B. Hatschek, of Prague, professor of zoology in the University of Vienna. — Dr. Robert Hegler, privat docent in botany in the University of Rostock. — Joaquin Gonzalez Hidalgo, professor of mineralogy in the University of Madrid. — Mr. H. Higgins, demonstrator of anatomy in the University of Cambridge. — Dr. Kaiser, privat docent in mineralogy in the University of Bonn. — J. Graham Kerr, demonstrator in animal morphology in the University of Cambridge, *vice* E. W. McBride. — Dr. Georg Kraus, professor of botany in the University of Halle. — Dr. R. von Lendenfeld, of Czernowitz, professor of zoology in the German University of Prague. — Dr. Felix Ritter von Luschan, assistant in the Natural History

Museum in Berlin. — Dr. S. C. Mahalanobis, demonstrator in physiology in University College of South Wales. — Dr. Heinrich Matiegka, privat docent in anthropology in the Bohemian University in Prague. — Dr. Hermann Munk, full professor of physiology in the University of Berlin. — Prof. Wladimir Iwanowitsch Palladin, director of the Botanical Gardens at Warsaw. — Louis V. Pirsson, of New Haven, professor of physical geology in Harvard University. — Dr. W. A. Rothert, of Kazan, professor extraordinarius of botany in the University of Charkoff. — Dr. Schöndorf, privat docent in physiology in the University of Bonn. — Dr. A. W. Shern, demonstrator in anatomy in University College of South Wales. — Dr. Spiro, privat docent in physiological chemistry in the University of Strasburg. — A. F. Walden, lecturer on natural science in New College, Oxford. — Prof. A. Fischer von Waldheim goes to St. Petersburg as director of the Botanical Gardens. — Dr. P. Zwaardemaker, professor of physiology in the University of Utrecht.

Recent deaths: William Archer, of Dublin, well known for his researches on Protozoa and the lower plants. — Dr. Leopold Auerbach, professor extraordinary of physiology in the University of Breslau. — Prof. Oskar Boer, bacteriologist, in Berlin, July 11, aged 54. — Samuel Brassai, naturalist, of Klausenburg, June 24, aged 100. — Dr. M. Euchler, editor of the *Entomologischer Zeitschrift*, in Guben, Prussia, in August. — Emil Fiek, author of the *Flora of Schleswick*, in Kunersdorf, June 21. — Nikolaus Golowkinsky, formerly professor of geology and mineralogy in the Universities of Kasan and Odessa, June 9, in the Crimea. — Georg Lieder, geologist, in Bogota, July 1, aged 35. — Rev. Andrew Matthews, English student of the microcoleoptera. — Sir Peter Le Page Renouf, archæologist and for several years a keeper in the British Museum, in October, aged 75. — Charles Stewart Roy, professor of pathology in the University of Cambridge, well known as a physiologist, Oct. 4, 1897, aged 43. — Dr. Emil Schmidt, teacher of zoology in the Berlin Gymnasia. — W. Wache, director of the Zoological Gardens in Lübeck, by suicide, July 19. — Dr. Hermann Welcker, formerly professor of anatomy in the University of Halle. — Charles Bygrave Wharton, ornithologist, in Totten, England.